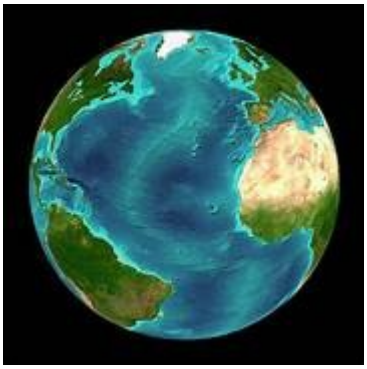
Ryan Padraig Kelly North Atlantic Ocean



North America
Europe
Africa
South America
ATLANTIC OCEAN

Arctic Ocean
NORTH
ATLANTIC
OCEAN

GREENLAND
Baffin Bay
Davis Strait
Greenland Sea
Denmark Strait
Iceland
Norwegian Sea
Faroe Islands
Hudson Bay
Labrador Sea
Faroe Bank Channel
Charlie Gibbs Fracture Zone
St. Lawrence
Gulf of St. Lawrence
Grand Banks
Gulf of Maine
Flemish Cap

NORTH ATLANTIC OCEAN

NORTH AMERICA
EUROPE
ASIA
ATLANTIC OCEAN
Mid-Atlantic Ridge
AFRICA
SOUTH AMERICA
PACIFIC OCEAN

ARCTIC OCEAN
ASIA
SPEED OF CURRENTS
Greenland
EUROPE
NORTH AMERICA
NORTH ATLANTIC OCEAN
AFRICA
SOUTH AMERICA

NORTH AMERICA
EUROPE
Mid-Atlantic Ridge
Cape Verde Plain
AFRICA
SOUTH AMERICA
Angola Plain
Walvis Ridge
Rio Grande Rise
Argentine Plain
Mid-Atlantic Ridge

NORTH AMERICA
ATLANTIC OCEAN
EUROPE
AFRICA
SOUTH AMERICA
ATLANTIC OCEAN

NORTH AMERICA
NORTH ATLANTIC CURRENT
NORTH ATLANTIC OCEAN
EUROPE
AFRICA
SOUTH AMERICA

GREENLAND
Greenland Sea
ICELAND
Lofoten Islands
Reykjavik
Faroe Islands
Bergen
Newfoundland
Atlantic Ocean
Km
0 1'000 2'000

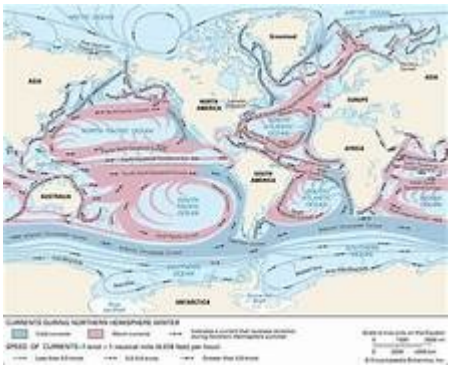
ATLANTIC OCEAN

wochit

Currents of the
Atlantic Ocean
Labrador Current
East Greenland Current
Norwegian Current
Grand
Banks
North Atlantic Drift
Gulf Stream
Canaries Current
Sargasso Sea
Florida Current
Antilles Current
North Equatorial Current
Counter Equatorial Current

Atlantic Ocean
EUROPE
AFRICA
SOUTH AMERICA

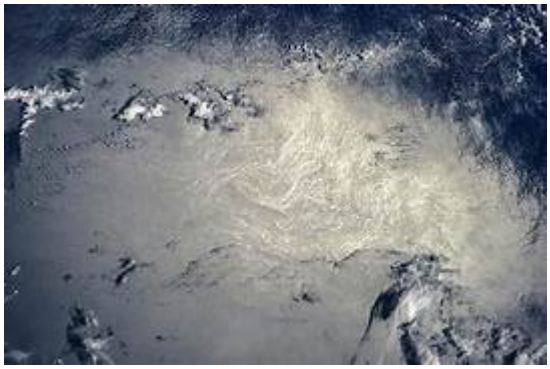
Greenland
Labrador Current
Norwegian Current
EUROPE
NORTH AMERICA
Gulf Stream
NORTH ATLANTIC OCEAN
Canary Current
North Equatorial Current
AFRICA
Caribbean Current
SOUTH AMERICA
Benguela Current
dreamstime.com


ASIA
NORTH AMERICA
EUROPE
AFRICA
SOUTH AMERICA
AUSTRALIA
ANTARCTICA

Greenland
Iceland
Mid-Atlantic Ridge
United Kingdom
Ireland
Portugal

EUROPE
AFRICA
SOUTH AMERICA

QUESTION 1
ARCTIC OCEAN
NORTH AMERICA
EUROPE
ASIA
ATLANTIC OCEAN
PACIFIC OCEAN
AFRICA
SOUTH AMERICA
INDIAN OCEAN
AUSTRALIA
ANTARCTICA



Cape Hatteras, NC
France

NORTH ATLANTIC
OCEAN
NORTH AMERICAN
BASIN
alamy

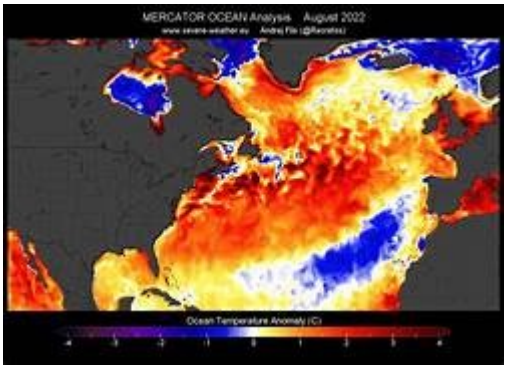
ATLANTIC
OCEAN

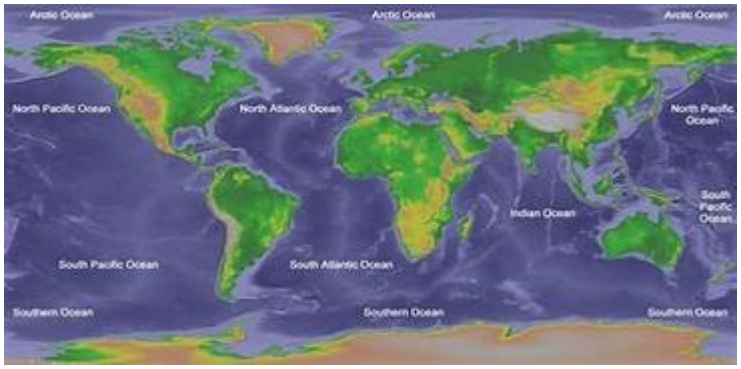
NORTH ATLANTIC
The Dark Ocean

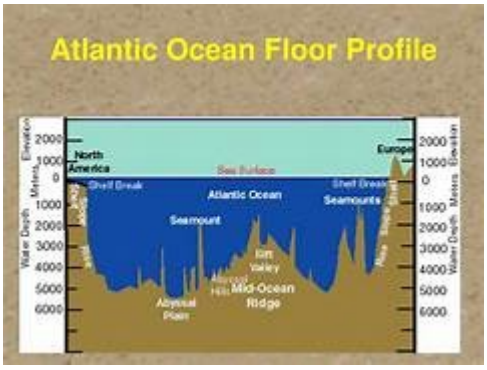
NORTH ATLANTIC
NAVAL WAR

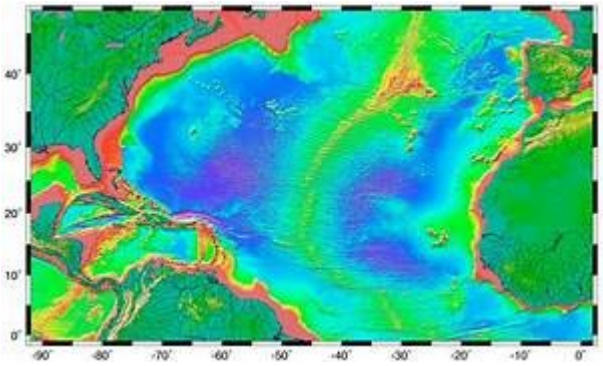
NORTH
AMERICA
ATLANTIC
OCEAN
AFRICA
SOUTH AMERICA

NORTH
ATLANTIC
OCEAN
alamy

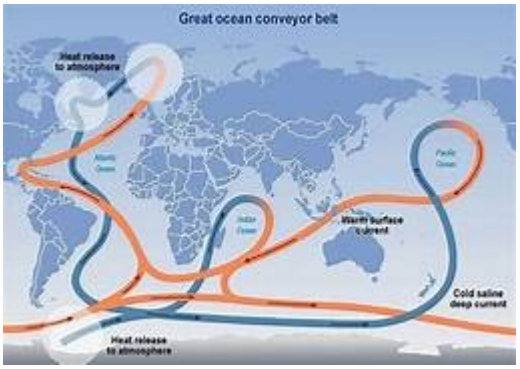

MERCATOR OCEAN Analysis August 2022
Ocean Temperature Anomaly (C)

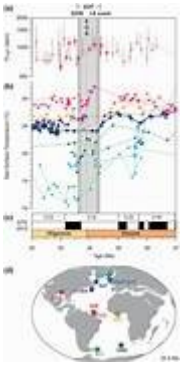

Arctic Ocean
Arctic Ocean
Arctic Ocean
North Pacific Ocean
North Atlantic Ocean
North Pacific Ocean
Indian Ocean
South Pacific Ocean
South Pacific Ocean
South Atlantic Ocean
Southern Ocean
Southern Ocean
Southern Ocean

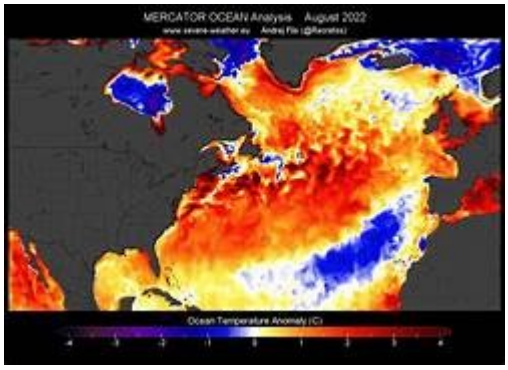

Atlantic Ocean Floor Profile
North America
Europe
Sea Surface
Shelf Break
Atlantic Ocean
Seamounts
Seamount
Rift Valley
Abyssal Hills
Mid-Ocean Ridge
Abyssal Plain
Water Depth Meters Elevation
2000
1000
0
1000
2000
3000
4000
5000
6000


40°
30°
20°
10°
0°
-90°
-80°
-70°
-60°
-50°
-40°
-30°
-20°
-10°
0°

NORTH AMERICA
ATLANTIC OCEAN
AFRICA
SOUTH AMERICA

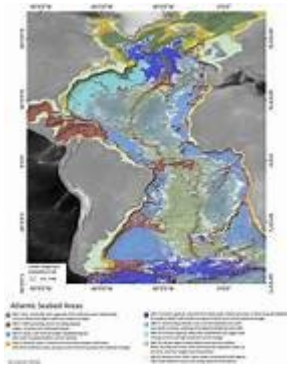

Great ocean conveyor belt
Heat release to atmosphere
Warm surface current
Cold saline deep current
Heat release to atmosphere




MERCATOR OCEAN Analysis August 2022
Ocean Temperature Anomaly (C)

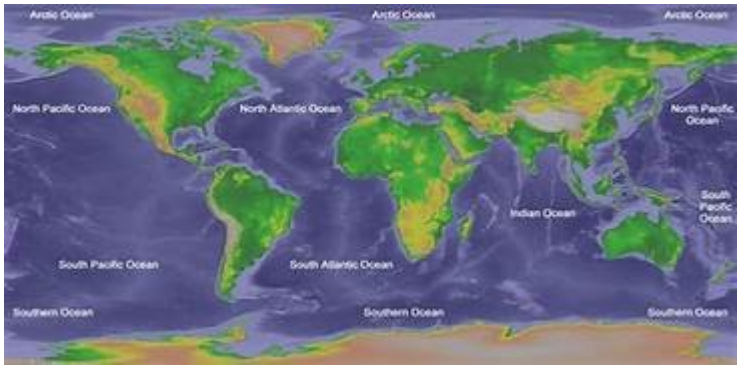
South Atlantic

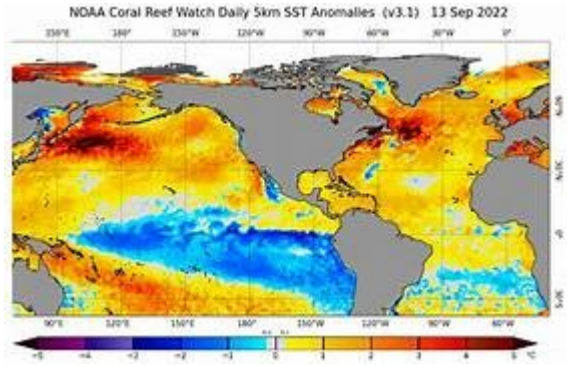
NORTH AMERICA
EUROPE
AFRICA
SOUTH AMERICA
Gulf Stream
North Atlantic Drift
ATLANTIC OCEAN
alamy

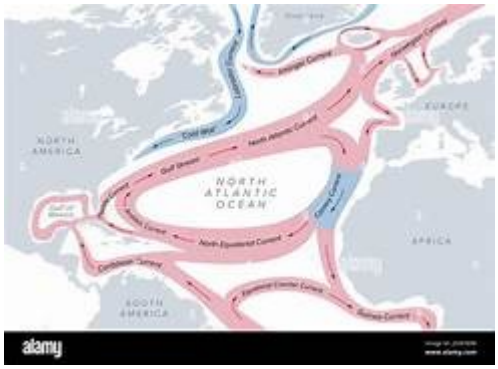


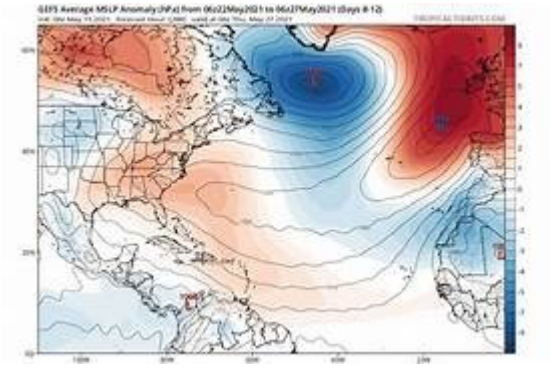
Arctic Ocean
Atlantic Ocean
Pacific Ocean
Pacific Ocean
Indian Ocean
Southern Ocean

NORTH ATLANTIC OCEAN
INTERESTING FACTS


Arctic Ocean
Arctic Ocean
Arctic Ocean
North Pacific Ocean
North Atlantic Ocean
North Pacific Ocean
Indian Ocean
South Pacific Ocean
South Pacific Ocean
South Atlantic Ocean
Southern Ocean
Southern Ocean
Southern Ocean


NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 13 Sep 2022


NORTH ATLANTIC OCEAN
NORTH AMERICA
EUROPE
AFRICA
SOUTH AMERICA
alamy

fineart
america

alamy